CHE SIE

DATE: 05.09 2001 TIME: 06:49:32

INPUT SET: \$36546.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

```
SEQUENCE LISTING
                       1
                       3
                                 (1) General Information:
                                 (i) APPLICANT: Thomas, Lawrence J.
                                 (ii) TITLE OF INVENTION: PLASMID-BASED VACCINE FOR
                                 TREATING ATHEROSCLEROSIS
                                 (iii) NUMBER OF SEQUENCES: 10
                                 (iv) CORRESPONLENCE ADDRESS:
                     10
                                 (A:ADDRESSEE:Yankwich & Associates
                     11
                                 (B)STREET: 130 Bishop Allen Drive
                     12
                     13
                                 (C)CITY:Cambridge
                                 (D)STATE:Massachusetts
                     1.4
                     15
                                 (E)COUNTRY: USA
                                 (F)ZIP:02139
                     15
                     17
                    13
                                 (7) COMPUTER READABLE FORM:
                    1 4
                                 (A) MEDIUM TYPE: Floppy disk
                                 (B)COMPUTEE: 1BM PC compatible
                     20^{\circ}
                                 (C)OPERATING SYSTEM: Windows 95/98
                                 (D)SOFTWARE: Word 97
                     2.3
                     2:
                                 (71) CUFRENT APPLICATION DATA:
                     2.4
                                 (A) APPLICATION NUMBER: (not yet assigned)
-->
                     25
                                 (B)FILING DATE: 30 April 2001
                     26
                     27
                                 (C)CLASSIFICATION:
                     28
                     29
                                 (vii)PRIOR APPLICATION DATA:
                                  (A)APPLICATION NUMBEE: 08/640,713
                     30
                                  (B) FILING DATE: 01 May 1996 (01.05.96)
                     31
                     3...
                     3
                                 (vii) PRIOR APPLICATION DATA:
                                  (A) APPLICATION NUMBER: 08/302,967
                     34
                                  (B)FILING DATE: 21 February 1997 (21.02.97)
                      36
                      315
                                 (VII) PEIOE APPLICATION DATA:
                                 A APPLICATION NUMBER: 09 171,969
                                REPELLING PATE: 20 October 1998 29.11.98
                      50
                     40
                                 TO AN OLD NEED ASSING MERCHANICAL NAME OF THE NAME OF THE ASSISTANCE OF THE PROPERTY OF THE PR
```

ENTE HELD

DATE: 06 09 2 TIME: 06:49:33

17 48 49 (1) INFORMATION FOR SEQ ID NO: 1: 49 (2) SEQUENCE CHARACTERISTICS: (3) ENGUENCE CHARACTERISTICS: (4) LENGTH: 1488 base pairs 50 (B) TYPE:nucleic acid (B) TYPE:single (C) STPANDEDNESS:single (D) TOPOLOGY: linear (D) TOPE:sDNA (1i) MOLECULE TYPE:sDNA (1i) HYPOTHETICAL: 55 (1ii) HYPOTHETICAL: 56 (1v) ANTI-SENSE: (1v) FEATURE: (1x) FEATURE: (1x) FEATURE: (1x) MAME/KEY:Structural coding sequence for (B) LOCATION: (B) LOCATION: (B) LOCATION: (B) LOCATION: (C) PUBLICATION INFORMATION: (B) AUTHORS:Nagashima, Mariko, et al. (A) AUTHORS:Nagashima, Mariko, et al. (B) TITLE:Cloning and mRNA tissue (B) TITLE:Cloning and mRNA tissue (B) Colored RNA tissue (C) Colored RNA (Colored RNA) (C) PUBLICATION INFORMATION: (B) Colored RNA (Colored RNA) (C) PUBLICATION INFORMATION: (B) Colored RNA (Colored RNA) (B) TITLE:Cloning and mRNA tissue (C) Colored RNA (Colored RNA) (C) PUBLICATION INFORMATION: (B) LOCATION: (C) PUBLICATION INFORMATION: (B) LOCATION: (C) PUBLICATION INFORMATION: (B) LOCATION: (B) LOCATION: (C) PUBLICATION INFORMATION: (B) LOCATION: (C) PUBLICATION INFORMATION: (C) PUBLICATION INFORMATION INFORMATION: (C) PUBLICATION INFORMATION INFORMATION: (C) PUBLICATION INFORMATION INFORMAT
(a) Type:nuclet (b) Type:nuclet (c) STPANDEDNESS:single (d) TOPOLOGY: linear (d) MOLECULE TYPE:cDNA (ii) MOLECULE TYPE:cDNA (iii) HYPOTHETICAL: (iv) ANTI-SENSE: (iv) ANTI-SENSE: (iv) FEATUPE: (ix) FEATUPE: (ix) MAME/KEY:Structural coding sequence for (A) NAME/KEY:Structural coding sequence (ix) FEATUPE: (ix) PATUPE: (ix) PATUPE: (b) LOCATION: (b) LOCATION: (c) PUBLICATION INFOPMATION: (d) PUBLICATION INFOPMATION: (e) AUTHORS: Nagashima, Mariko, (ix) PUBLICATION INFOPMATION: (ix) PUBLICATION INFOPMATION
49 (1) (A) TYPE:nuster 50 (B) TYPE:nuster 51 (C) STPANDEDNESS:single 52 (C) STPANDEDNESY: linear 53 (ii) MOLECULE TYPE:cDNA 54 (iii) HYPOTHETICAL: 55 (iv) ANTI-SENSE: 56 (iv) FEATUPE: 57 (A) NAME/KEY:STRUCTURAL coding sequence for 58 mature rabbit CETP 58 mature rabbit CETP 59 (B) LOCATION: 60 (C) PUBLICATION INFORMATION: 61 (X) PUBLICATION INFORMATION: 62 (X) AUTHORS: Nagashima, Mariko, 63 (X) AUTHORS: Nagashima, Mariko
(a) TYPE:nucler (b) TYPE:nucler (c) STPANDEDNESS:single (d) TOPOLOGY: linear (d) MOLECULE TYPE:cDNA (ii) MOLECULE TYPE:cDNA (iii) MYPOTHETICAL: (iv) ANTI-SENSE: (iv) ANTI-SENSE: (iv) FEATUPE: (ix) FEATUPE: (A) NAME/KEY:Structural coding sequence for (ix) FEATUPE: (b) LOCATION: (b) LOCATION: (c) PUBLICATION INFORMATION: (d) PUBLICATION INFORMATION: (e) ANTHORS: Nagashima, Mariko, (f) ANTHORS: Nagashima, Mariko, (ix) PUBLICATION INFORMATION: (ix) PUBLICATION INFORMATION:
(a) Type:nuclet (b) Type:nuclet (c) STPANDEDNESS:single (d) TOPOLOGY: linear (d) MOLECULE TYPE:cDNA (ii) MOLECULE TYPE:cDNA (iii) MYPOTHETICAL: (iii) ANTI-SENSE: (iv) ANTI-SENSE: (iv) FEATUPE: (ix) FEATUPE: (A) NAME/KEY:Structural coding sequence for (ix) FEATUPE: (A) NAME/KEY:Structural coding sequence (ix) FEATUPE: (b) LOCATION: (c) Mature rabbit cetp (d) LOCATION: (e) LOCATION: (f) PUBLICATION INFOPMATION: (ix) PUBLICATION INFOPMATION INFOPM
(B) FURDINGSS: single (C) STRANDEDNESS: single (D) TOPOLOGY: linear (D) TOPOLOGY: linear (A) MOLECULE TYPE: CDNA (II) MOLECULE TYPE: CDNA (II) MOLECULE TYPE: CDNA (II) MOLECULE TYPE: CDNA (IV) ANTI-SENSE: (IV) ANTI-SENSE: (IV) FEATURE: (IV) FEATURE: (IV) FEATURE: (IX) FEATURE: (A) NAME/KEY: Structural coding sequence for (IX) FEATURE: (IX) MALECATION: (B) LOCATION: (B) LOCATI
51 (C) STRANDEDNACOGY: TAME (D) TOPOLOGY: TAME (II) MOLECULE TYPE:CDNA (II) MYPOTHETICAL: (III) HYPOTHETICAL: (IV) ANTI-SENSE: (IV) FEATURE: (IX) FEATURE: (IX) FEATURE: (IX) MAME/KEY:STRUCTURAL coding sequence for (IX) FEATURE: (IX) MAME/KEY:STRUCTURAL coding sequence for (IX) FEATURE: (IX) NAME/KEY:STRUCTURAL coding sequence for (IX) FEATURE: (IX) NAME/KEY:STRUCTURAL coding sequence for (IX) PUBLICATION: (IX) PUBLICATION INFORMATION: (IX) PUBLICATION INFORMATION INFORMATION: (IX) PUBLICATION INFORMATION I
(ii) MOLECULE 1CAL: (iii) HYPOTHETICAL: (iv) ANTI-SENSE: (iv) FEATURE: (A) NAME/KEY:Structural coding sequence for (A) NAME/KEY:Structural coding sequence for (a) NAME/KEY:Structural coding sequence for (b) LOCATION: (c) (a) PUBLICATION: (d) (b) LOCATION: (e) (e) LOCATION: (f) PUBLICATION INFORMATION: (g) PUBLICATION INFORMATION: (h) PUBLICATION INFORMATION:
53 (ii) MOLECULE ICAL: 54 (iii) HYPOTHETICAL: 55 (iv) ANTI-SENSE: 56 (iv) FEATURE: 57 (A) NAME/KEY:Structural coding sequence for (a) FEATURE: 58 mature rabbit cetp (B) LOCATION: (B) LOCATION: (C) 60 61 62 (X) PUBLICATION INFORMATION: 62 (X) AUTHORS:Nagashima, Mariko, et al. 63 (X) AUTHORS:Nagashima, Mariko, et al.
55 (111) ANTI-SENDE 56 (1V) FEATURE: 57 (A) NAME/KEY:Structural Code 58 (A) NAME/KEY:Structural Code 58 (A) NAME/KEY:Structural Code 61 (A) NAME/KEY:Structural Code 62 (A) NAME/KEY:Structural Code 63 (B) LOCATION: 64 (B) LOCATION: 65 (B) LOCATION: 66 (C) PUBLICATION INFORMATION: 67 (C) PUBLICATION Amerika, Mariko, et al. 68 (X) AUTHORS:Nagashima, Mariko, et al.
55 (111) 56 (iv) ANTI-SENDE 56 (iv) FEATURE: 57 (A) NAME/KEY:Structural Code 58 (ax) FEATURE: 58 (B) LOCATION: 60 (B) LOCATION: 60 (B) PUBLICATION INFORMATION: 61 (Ax) PUBLICATION INFORMATION: 62 (Xx) AUTHORS: Nagashima, Mariko, et al. 63 (Xx) AUTHORS: Nagashima, Mariko, et al.
58 mature (B) LOCATION: 59 (B) LOCATION: 60 INFORMATION: 61 PUBLICATION INFORMATION: 62 (X) AUTHORS: Nagashima, Mariko, et al. 63 (X) AUTHORS: Nagashima and mRNA tissue
58 mature (B) LOCATION: 59 60 61 publication information: 62 (X) Nuthors: Nagashima, Mariko, et al. 62 Muthors: Nagashima and mRNA tissue
58 mature (B) LOCATION: 59 60 61 publication information: 62 (X) Nuthors: Nagashima, Mariko, et al. 62 Muthors: Nagashima and mRNA tissue
60 61 PUBLICATION INFORMATION, et al. 61 PUBLICATION INFORMATION, et al. 62 (X) NUTHORS: Magashima, Mariko, et al. 62 (X) AUTHORS: Mind and MRNA tissue
60 61 PUBLICATION INFORM Mariko, 62 (x) PUBLICATION INFORM MARIKO, 62 (x) AUTHORS: Nagashima, Mariko, 63 (A) AUTHORS: Nagashima, Mariko, 64 (x) PUBLICATION INFORM MARIKO, 65 (x) PUBLICATION INFORM MARIKO, 66 (x) PUBLICATION INFORM MARIKO, 67 (x) PUBLICATION INFORM MARIKO, 68 (x) PUBLICATION INFORM MARIKO, 69 (x) PUBLICATION INFORM MARIKO, 60 (x) PUBLICATION INFORM MARIKO, 61 (x) PUBLICATION INFORM MARIKO, 62 (x) AUTHORS: Nagashima, Mariko, 63 (x) AUTHORS: Nagashima, Mariko, 64 (x) AUTHORS: Nagashima, Mariko, 65 (x) AUTHORS: Nagashima, Mariko, 66 (x) AUTHORS: Nagashima, Mariko, 67 (x) AUTHORS: Nagashima, Mariko, 68 (x) AUTHORS: Nagashima, Mariko, 69 (x) AUTHORS: Nagashima, Mariko, 60 (x) AUTHORS: Nagashima, Mariko, 61 (x) AUTHORS: Nagashima, Mariko, 62 (x) AUTHORS: Nagashima, Mariko, 63 (x) AUTHORS: Nagashima, Mariko, 64 (x) AUTHORS: Nagashima, Mariko, 65 (x) AUTHORS: Nagashima, Mariko, 66 (x) AUTHORS: Nagashima, Mariko, 67 (x) AUTHORS: Nagashima, Mariko, 68 (x) AUTHORS: Nagashima, Mariko, 69 (x) AUTHORS: Nagashima, Mariko, 60 (x) AUTHORS: Nagashima, Mariko, 60 (x) AUTHORS: Nagashima, Mariko, 61 (x) AUTHORS: Nagashima, Mariko, 61 (x) AUTHORS: Nagashima, Mariko, 62 (x) AUTHORS: Nagashima, Mariko, 63 (x) AUTHORS: Nagashima, Mariko, 64 (x) AUTHORS: Nagashima, Mariko, 65 (x) AUTHORS: Nagashima, Mariko, 66 (x) AUTHORS: Nagashima, Mariko, 67 (x) AUTHORS: Nagashima, Mariko, 68 (x) AUTHORS: Nagashima, Mariko, 69 (x) AUTHORS: Nagashima, Mariko, 60 (x) AUTHORS: Nagashima, Mariko, 60 (x) AUTHORS: Nagashima, Mariko, 60 (x) AUTHORS: Nagashima, Mariko, 61 (x) AUTHORS: Nagashima, Mariko, 62 (x) AUTHORS: Nagashima, Mariko, 63 (x) AUTHORS: Nagashima, Mariko, 64 (x) AUTHORS: Nagashima, Mariko, 65 (x) AUTHORS: Nagashima, Mariko, 66 (x) AUTHORS: Nagashima, Mariko, 67 (x) AUTHORS: Nagashima, Mariko, 68 (x) AUTHORS: Nagashima,
61 (X) PUBLICA NAGASHIMA (1530) 62 (A) AUTHORS: Nagashima mRNA (1530) 63 (A) TITLE: Cloning and mRNA (1530) 63 (B) TITLE: clon of rabbit
62 (A) AUTHOROUGH and All (B) TITLE: Cloning and (B) TITLE: on of rabbit
63 (B) TITLLian of rate ansfer
64 distribution ester train 65 distribution ester train
66 cholescer, Lipid Res.
65 cholesteryl 636 cholesteryl 637 cholesteryl
67
70 (E) PAGES: 104-
70 PAGES: 1938 71 (F) DATE: 1938 72 (G) DATE: 1938 72 (G) PELEVANT RESIDUES IN SEQ ID NC: 1:
72 (K) RELEVANT
74 75 76 77 TGTCCCAAAG GCGCCTCCTA CGAGGCTGO 78 GCCCGCCCC TTGGTGTTGA ACCAAGAGAC GCGCGAGAG GGCCGTGATG 150 78 79 CCTTCCAGCG CGCCGGCTAT CCGGACGTCA GCGGCGAGAG TCAGCCACCT 200 81 CCTTCCAGCG CGCCGGCTAT CGGGCTGCAC AACCTCCAGA TCAGCCACCT 250 81 CCTTCCAGCG CGCCGGCTAT CGGGCTGCAC AACCTCCAGA ACCATCGACG 250
and GC30010
77 TGTCCCIII TGA ACCAI.
GCCCGGCTAT CCC AACCTCCAGA
82 CTCCTCGGCC TGGAGCTGO
84 GTCCATCGCC GTGGTCT TCT
as a marca with the same as a second of the same as a
87 TCGCCA1
88 CARGACTO COTONIA CONTRACTOR STORAGE
and the contract of the contra
89 WAY TO SERVICE THE SERVICE
99 TAN Appropriate Appropriate Control of the Contr
84 85 GTCCATCGC REACTION 86 87 TCGCCATCCA GAACGTGTCC GTGGTCTTC 88 TACACGACTG COTGGGGGTT GGGCATCAAT CAGT TOTCG ACTICATION 88 189 TACACGACTG COTGGGGGTT ACACTCAACTAACTAACTAACTAACTAACTAACTAAC
99 AAN AND AND AND AND AND AND AND AND AND
and the state of t

DATE: 06-09-2001 TIME: 06:49:33

AGGGCGGCCA	GCATCCTCTC	AGATGGAGAC	ATCGGGGTGG	ACATTTCCGT	650
GACGGGGGCC	CCTGTCATCA	CAGCCACCTA	CCTGGAGTCC	CATCACAAGG	700
				aaaaaaamma	750
GTCACTTCAC	GCACAAGAAC	GTCTCCGAGG	cerreceer	CCGCGCCTTC	750
CACACACATA	ттатааааал	стесесе Ата	$CTCT\Delta$	GGTTCTCCGA	800
0030000010	ACOCCOTOT	SICCOSCAIS	21011101101	331131333	
TCAAGTGCTC	AACTCCCTGG	CCAGGGCCGC	CTTCCAGGAG	GGCCGTCTCG	85O
TGCTCAGCCT	GACAGGGGAT	GAGTTCAAGA	AAGTGCTGGA	GACCCAGGGT	300
		.amm.a.a.k.a.a.k.a	es & es & es estimation	aaammaaa Aa	050
TTCGACACCA	ACCAGGAAAT	CTTCCAGGAG	CTTTCCAGAG	GUUTTUUCAU	*50
- cadada Adada	CAGGTAGCCG	тесаствест	TAAGGTGCCC	AAGATCTCCT:	L000
cooccharie	311331113333				
GCCAGAACCG	GGGTGTCGTG	GTGTCTTCTT	CCGTCGCCGT	GACGTTCCGC:	1050
TTCCCCCGGCC	CAGATGGCCG	AGAAGCTGTG	GCCTACAGGT	TTGAGGAGGA	1100
		camera mere mere.		amammaam va:	1150
TATCATCACC	ACCGTCCAGG	CCTCCTACTC	CAGAAAAAG	CICITCOIAC.	L 1.J ()
ΔασποππααΑ	TTTCCAGTGC	GTGCCGGCCA	GCGGAAGGGC	AGGCAGCTCA:	1200
113310113311					
GCAAATCTCT	CCGTGGCCCT	CAGGACTGAG	GCTAAGGCTG	TTTCCAACCT	1250
GACTGAGAGC	CGCTCCGAGT	CCCTGCAGAG	crerereese	TOCCTGATUS.	L 3 () ()
сахасствас	- PAMCPERICAG	מיים Δיים מיים מיים.	GGCTCGAGGT	GGCGTTCACA	1350
CCACGGIGGG	INTESESSAS	31311131011	3001001	9309111111	
GCCCTCATGA	ACAGCAAAGG	CCTGGACCTC	TTCGAAATCA	TCAACCCCGA	1400
GATTATCACT	CTCGATGGCT	GCCTGCTGCT	GCAGATGGAC	TTCGGTTTTC	1450
	a amaamaa x m	mmaamaakak	CCCTC NCC14	Ω Ω	
CCAAGCACCT	GU TGG TGGAT	TICCIBCAGA	GCCTGAGCT4	3 0	
(2) INFORM	ATION FOR S	EQ ID NO:2:			
		Hirratein			
++ (pt)	(A.C., F.F.)				
	GACGGGGGCC GTCACTTCAC CCGCCCGGTC TCAAGTGCTC TGCTCAGCCT TTCGACACCA CGGCCAGGCC GCCAGGACCG TTCCCCCGGCC TATCATCACC ACCTCTTGGA GCAAGTGTGGG GCCACGGTGGG GCCACGGTGGG GCCACGGTGGG GCCTCATGA GATTATCACT CCAAGCACCT (2) INFORM. (i) SEQUE (A) (E) (C) TOPOLOME (ii) MECONOME (ii) MECONOME (ii) MECONOME (ii) MECONOME (iii) MECONOME (iii) MECONOME (iii) MECONOME (iii) MECONOME (iii) MECONOME (iiii) MECONOME (iiii) MECONOME (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	GACGGGGGC CCTGTCATCA GTCACTTCAC GCACAAGAAC CCGGCCGGTC TTCTGGGGGA TCAAGTGCTC AACTCCCTGG TGCTCAGCCT GACAGGGGAT TTCGACACCA ACCAGGAAAT CGGCCAGGCC CAGGTAGCCG GCCAGAACCG GGGTGTCGTG TTCCCCCGGC CAGATGGCCG TATCATCACC ACCGTCCAGG ACCTCTTGAA TTTCCAGTGC GCAAATCTCT CCGTGGCCCT GACTGAGAGC CATCCCGGAG GCCTCATGA ACAGCAAAGG GCCTCATGA ACAGCAAAGG GCCTCATGA ACAGCAAAGG GCCTCATGA CTCGATGGCT CCAAGCACCT GCTGGTGGAT (2) INFORMATION FOR SI (i) SEQUENCE CHARACT (A) LENGTH: 496 (B) TYPE: amino (C) TOPOLOGY: linear	GACGGGGGCC CCTGTCATCA CAGCCACCTA GTCACTTCAC GCACAAGAAC GTCTCCGAGG CCGCCCGGTC TTCTGGGGGA CTCCCGCATG TCAAGTGCTC AACTCCCTGG CCAGGGCCGC TGCTCAGCCT GACAGGGAAT GAGTTCAAGA TTCGACACCA ACCAGGAAAT CTTCCAGGAG CGGCCAGGCC CAGGTAGCCG TCCACTGCCT GCCAGAACCG GGGTGTCGTG GTGTCTTCTT TTCCCCCGCC CAGATGGCCG AGAAGCTGTG ACCTCTTGGA TTTCCAGTGC GTGCCGGCCA GCAAATCTCT CCGTTGGCCT CAGGACTGAG GACTGAGAGC GATCCCGAG GTGCCGAGAG CCACGGTGGG CATCCCGAGA GCTGCTACTC GCCCTCATGA ACAGCAAAGG CCTGCTACTC GATTATCACC TCGATGGCT GCCTGCAGAG CCAAGCACCT GCTGGTGGAT TCCCTGCAGA (2) INFORMATION FOR SEQ ID NO:2:	GACGGGGGCC CCTGTCATCA CAGCCACCTA CCTGGAGTCC GTCACTTCAC GCACAAGAAC GTCTCCGAGG CCTTCCCCCT CCGCCCGGTC TTCTGGGGGA CTCCCGCATG CTCTACTTCT TCAAAGTGCTC AACTCCCTGG CCAGGGCCGC CTTCCAGGAG TGCTCAGCCT GACAGGGGAT GAGTTCAAGA AAGTGCTGGA TTCGACACCA ACCAGGAAAT CTTCCAGGAG CTTTCCAGGAG CGGCCAGGCC CAGGTAGCCG TCCACTGCCT TAAGGTGCCC GCCAGAACCG GGGTGTCGTG GTGTCTTCTT CCGTCGCCGT TTCCCCCGCC CAGATGGCCG AGAAGCTGTG GCCTACAGGT TATCATCACC ACCGTCCAGG CCTCCTACTC CCAGAAAAAAG ACCTCTTGAA TTTCCAGTGC GTGCCGGCAGACGGC GCAGAACCT CCGTGGCCCT CAGGACTGAG CTCTCTCCGC CCACGGTGGG CATCCCGGAGT CCCTGCAGAG CTCTCTCCGC CCACGGTGGG CATCCCGGAGT CCCTGCAGAG CTCTCTCCGC CCACGGTGGG CATCCCGGAGT CCTGCAGGAG CTCTCTCCGC CCACGGTGGG CATCCCGGAGT CCTGGAGGAG CTCTCTCCGC CCACGGTGGG CATCCCGGAGT CCTGGAGGAG GCCTCATGA ACAGCAAAAGG CCTGGAGCTC TTCGAAAATCA GATTATCACT CTCGATGGCT GCCTGCTGCT GCAGATGAC CCAAGCACCT GCTGGTGGAT TTCCTGCAGA GCCTGAGCT4 (2) INFORMATION FOR SEQ ID NO:2: (A) LENSTH:4%6 amino acids (B) TYPE:amino acid (C) TOPOLOGY:linear (A) LENSTH:4%6 amino acid (C) TOPOLOGY:linear (A) LENSTH:ENSE:	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 4% amino acids (B) TYPE: amino acid (C TOPOLOGY: linear (I MOLECULE TYPE: protoin (I HYPOTHETICAL) (I ANTI SENSE:

DATE: 06-09-2001 TIME: 06:49:33

153 154 155 156 157 158 154 160 161 162 163 164 165	(B) TITLE:Cloning and mRNA tissue distribution of rabbit cholesteryl ester transfer protein (C) JOURNAL:J. Lipid Res. (D) VOLUME:29 (E) ISSUE: (F) PAGES:1643 - 1649 (G) DATE:1988 (E) RELEVANT RESIDUES IN SEQ ID NO:2: FROM 1 TO 496 (4)												
167		,							•				
168 169	Cys 1	Pro	Lys	Gly	Ala 5	Ser	Τyr	Glu	Ala	Gly 10	Ile	Val	СЛа
1 10 1 11 1 7 2 1 7 3	Arg	Ile 15	Thr	Lys	Pro	Ala	Le∙u 20	Leu	Val	Leu	Asn	Gln 25	Glu
174 175 176	Thr	Ala	Lys	Val 30	Val	Gln	Thr	Ala	Phe 35	Gln	Arg	Ala	Gly
1 7 7 1 7 2 1 7 4	Тут 40	Pro	Asp	Val	Ser	Gly 45	Glu	Arg	Ala	Val	Met 50	Leu	Leu
190 194 191	Gly	Arg	V & 1 5 !	Lys	Туr	Gly	Le·u	His 60	Asn	Leu	Gln	Ile	ser 65
1 % 1 %4 1 #5	His	Leu	Ser	Ile	Ala 70	Ser	Ser	Gln	Val	Glu 75	Leu	Val	Asp
186 187 188	Ala	Lys 80	Thr	Ile	Asp	Val	Ala 85	Ile	Gln	Asn	Val	Ser 90	Val
120 120 121	Val	Phe	Lys	Gly 95	Thr	Leu	Asn	Tyr	Ser 100	Tyr	Thr	Ser	Ala
192 193	Trp 105	Gly	Leu	Gly	Ile	Asn 110	Gln	Ser	Val	Asp	Phe 115	Glu	Ile
130	Азр	Ser	Ala 120	Ile	Азр	Leu	Gln	lle 125	Asn	Thr	Glu	Lou	Thr Fee
* * .		ž. 🕡	A 1 1	:1 -	*****	MAT.	Art	Ŧ.	300	N	5 × .	$\Delta_{-} v$	٠.

DATE: 06 09 2001 TIME: 06:49:34

206													
207 208 209	Phe 170	P Il∈	e Ser	Phe	Thr	Leu 175	ı Lys	Lei	ı Ile	e Leu	Lys 180		g Gln
210 211 212	Val	. Cys	185	Glu	Ile	Asr	Thr	Ile 190		Asn	Ile	M⊖t	Ala 195
214 215	Asp	Phe	Val	Gln	Thr 200	Arg	Ala	Ala	ser Ser	Ile 205		Ser	Asp
215 217 218	Gly	Asp 210	Ile	Gly	Val	Asp	Ile 215	Ser	Val	Thr	Gly	Ala 220	Pro
019 020 021 020	Val	Ile	Thr	Ala 225	Thr	Tyr	Leu	Glu	Ser 230	His	His	Lys	Gly
223 224 225	His 235	Phe	Thr	His	Lys	Asn 240	Val	Ser	Glu	Ala	Phe 245	Pro	Leu
226 227 228	Arg	Ala	Phe 250	Pro	Pro	Gly	Leu	Leu 255	Gly	Asp	Ser	Arg	Met 260
239 239 230 231	Leu	Tyr	Phe	Trp	Phe 265	Ser	Asp	Gln	Val	Leu 270	Asn	Ser	Leu
·	Ala	Arg 275	Ala	Ala	Phe	Gln	Glu 280	Gly	Arg	Leu	Val	Leu 285	Ser
 	Leu	Thr	Gly	Asp 290	Glu	Phe	Lys	Lys	Val 295	Leu	Glu	Thr	Gln
9 [- 9 [4 0	Gly 300	Phe	Asp	Thr	Asn	Gln 305	Glu	Ile	Phe	Gln	Glu 310	Leu	Ser
14 1 14 2 14 3	Arg	Gly	Leu 315	Pro	Thr	Gly	Gln	Ala 320	Gln	Val	Ala	Val	His 325
4.4	Cys	Leu	Lys	Val	Pro 330	Lys	Ile	Ser	Cys	Gln 335	Asn	Arg	Gly
47 48 49	Val	Val 340	Val	Ser	Ser	Ser	Val 345	Ala	Val	Thr		Arg 350	Phe
	173	Atsi	. 1	Alp	Ωÿ	At 1	-11.1	7.	Tal	Δii		Snq	Pho

PAGE: 1

.

SEQUENCE VERIFICATION REPORTPATENT APPLICATION US/09/845,511

DATE: 06-09-2001 TIME: 06:49:34

Line	Error	Original Text
25	Wrong application Serial Number	(A)APPLICATION NUMBER:(not yet assigned)